

Title (en)

Multifunction control of a prosthetic limb using syntactic analysis of the dynamic myoelectric signal patterns associated with the onset of muscle contraction

Title (de)

Multifunktionssteuerung eines Kunstgliedes durch syntaktische Analyse dynamischer myoelektrischer Signalmuster in Verbindung mit dem Auftreten der Muskelkontraktion

Title (fr)

Commande multifonctions pour membre artificiel par analyse syntactique de modèles de signaux dynamiques myoélectriques associés avec le début de contraction musculaire

Publication

EP 0421780 B1 19970102 (EN)

Application

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Priority

GB 8922368 A 19891004

Abstract (en)

[origin: EP0421780A2] A myoelectric control system for use with artificial limbs comprising means adapted to operate in dependence on the dynamic information contained in a myoelectric signal associated with the onset of muscle contraction.

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A61F 2/72

IPC 8 full level

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CPC (source: EP)

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Cited by

ITMI20091185A1; US6896704B1; US2017164893A1; EP1043003A1; DE4229330A1; DE102005021412A1; US2010286748A1; US8744588B2; WO0113778A3; US10092235B2; US11723591B2; US6947792B2; US7120497B2; US7221978B2

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